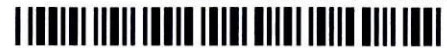




Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-578-017
Job Sheet 179586



004507

Part No: D350-578-017

Job Qty: 1 ea

Part Name: AS350/AS355 Bearpaws - Flat Top, Run-on Landing Wearplate Compatible



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/20/18

Job Tracking No:

Due Date: 7/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV H SHEET 12 IPP REV:A NEW ISSUE 12-07-25 JLM VERIFIED BY:DD IPP REV:B 15.03.30 JLM
VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	7/16/18	7/16/18	0.00	0.00	Start Up Stores/Pkg-2		JUL 19 2018
100	Packaging	1 pcs	7/16/18	7/16/18	0.00	0.00	Packaging1	DAS	JUL 19 2018
110	QC	1 pcs	7/16/18	7/16/18	0.00	0.00	QC4	6	JUL 19 2018
115	DC	1 pcs	7/16/18	7/16/18	0.00	0.00	DC	JAS	
120	Packaging	1 pcs	7/16/18	7/16/18	0.00	0.00	Packaging3	6	JUL 19 2018
130	QC21-FG	1 Ea	7/16/18	7/16/18	0.00	0.00	QC21	3-89 DAS	JUL 19 2018
Part Op 115 - Photocopy bluefile and create labels per PPP D350-578-017 CHG002									21 JUL 19 2018
Descriptions:									9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-17A	Bolt	12 Ea (12 ea)	90-Start up Operation	5070192
D2529	Washer	12 Ea (12 ea)	90-Start up Operation	5035698
D3601-1	Radius Block	12 Ea (12 ea)	90-Start up Operation	5092293
D4011-1	Clamp, Short	6 Ea (6 ea)	90-Start up Operation	5092294
D4012-1	Cushion	6 Ea (6 ea)	90-Start up Operation	5092290
D4297-3	Bearpaw	2 Ea (2 ea)	90-Start up Operation	5015514
MS21042L4	Nut	12 Ea (12 ea)	90-Start up Operation	5089365
NAS1149D0463J	Washer	24 Ea (24 ea)	90-Start up Operation	5062379

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-17A	12	262	0
	D2529	12	1,521	0
	D3601-1	12	76	0
	D4011-1	6	134	0
	D4012-1	6	311	0
	D4297-3	2	8	0
	MS21042L4	12	3,494	0
	NAS1149D0463J	24	11,486	0

DCA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging Supplier ☐ Engineering Quality ☐ Other ☐																																																																																																									
Date : _____		Step #: _____		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																																																																									
Descriptive Container No: S093609 Part: D350-578-017 Job No: 179586 Serial No/Batch: S093609 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: _____																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> <th colspan="4"></th> </tr> <tr> <td style="width:15%;">Environment</td> <td>☐</td> <td style="width:15%;"></td> <td style="width:15%;">No Re-verificatic</td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> </tr> <tr> <td>Design</td> <td>☐</td> <td></td> <td>Operator</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Doc/Data</td> <td>☐</td> <td></td> <td>Offset/Setup</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td></td> <td>Supplier</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Handling/Pre</td> <td>☐</td> <td></td> <td>Training</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td>☐</td> <td></td> <td>Use for Testing</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Internal Transport</td> <td>☐</td> <td></td> <td>Poor Information</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tribal Knowledge</td> <td>☐</td> <td></td> <td>Rushing</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>LOA</td> <td>☐</td> <td></td> <td>Product Improvement</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Substation</td> <td>☐</td> <td></td> <td>Process Improvement</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Past Expiry Date</td> <td>☐</td> <td></td> <td>Manufacturing Process</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Misidentified</td> <td>☐</td> <td></td> <td>Past Due</td> <td>☐</td> <td></td> <td></td> <td></td> </tr> </table>						Root Cause								Environment	☐		No Re-verificatic					Design	☐		Operator	☐				Doc/Data	☐		Offset/Setup	☐				Equip/Tooling	☐		Supplier	☐				Handling/Pre	☐		Training	☐				Material	☐		Use for Testing	☐				Internal Transport	☐		Poor Information	☐				Tribal Knowledge	☐		Rushing	☐				LOA	☐		Product Improvement	☐				Substation	☐		Process Improvement	☐				Past Expiry Date	☐		Manufacturing Process	☐				Misidentified	☐		Past Due	☐			
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Inspection Incomplete/Unqualified Contamination Countersink Cut Too Short Instructions Incomplete/Unclear Drill Holes Weld Wrong Stock Pulled Out of Sequence Off-set Mislabeled Fit/Function Misaligned/off center Positioned Wrong Outside Dimensions Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Drawing Finish Misread Turning Sequence																																																																																																													
OTHER : _____																																																																																																													

Dart Aerospace Ltd.
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 Hawkebury, ON K6A 1K7
 CANADA
 TEL: 1 813 632-5200
 Email: sales@dartaero.com
 www.dartaero.com



Container No: S093609
 Part: D350-578-017
 Job No: 179586
 Serial No/Batch: S093609

Date: 07/19/18

Part Specifications
Specifications could not be found.

Plex 7/19/18 9:28 AM dart.lacelle.linda

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

JUL 19 2018

DAS
6
9-89

5.0 PARTS LIST

5.1 D350-578-011/-013/-015/-017/-021 BEARPAW INSTALLATION

Qty -011	Qty -013	Qty -015	Qty -017	Qty -021	Qty -031	Part Number	Description
X						D350-578-011	BEARPAW INSTALLATION
	X					D350-578-013	BEARPAW INSTALLATION
		X				D350-578-015	BEARPAW INSTALLATION
			X			D350-578-017	BEARPAW INSTALLATION
				X		D350-578-021	BEARPAW INSTALLATION
					X	D350-578-031	WEARPLATE KIT
2						D2432F	Bearpaw
		2				D2432-3	Bearpaw
12	12	12	12	12		D2529	Washer
				2		D2672F	Bearpaw
12	12	12	12	12		D3601-1	Radius Block (Replaces D2274)
					2	D3859-041	Wearplate
6	6	6	6	6		D4011-1	Clamp (Replaces D2438)
6	6	6	6	6		D4012-1	Cushion (Replaces D2182B050)
	2					D4297-1	Bearpaw
			2			D4297-3	Bearpaw
12	12			12	12	AN4-16A	Bolt
		12	12		12	AN4-17A	Bolt
24	24	24	24	24	24	NAS1149D0463J	Washer
12	12	12	12	12	12	MS21042L4	Nut (or MS21042-4)

5.2 D350-578-111/-113/-115/-117/-121 BEARPAW INSTALLATION

Qty -111	Qty -113	Qty -115	Qty -117	Qty -121	Part Number	Description
X					D350-578-111	BEARPAW INSTALLATION
	X				D350-578-113	BEARPAW INSTALLATION
		X			D350-578-115	BEARPAW INSTALLATION
			X		D350-578-117	BEARPAW INSTALLATION
				X	D350-578-121	BEARPAW INSTALLATION
1					D350-578-011	Bearpaw Installation
	1				D350-578-013	Bearpaw Installation
		1			D350-578-015	Bearpaw Installation
			1		D350-578-017	Bearpaw Installation
				1	D350-578-021	Bearpaw Installation
1	1	1	1	1	D350-578-031	Wearplate Kit